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L2: Entry 2 of 3

File: USPT

Nov 6, 2001

US-PAT-NO: 6314406

DOCUMENT-IDENTIFIER: US 6314406 B1

**** See image for Certificate of Correction ****

TITLE: Customer information network

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Hagan; Timothy P.	Akron	OH		
Canda; Gregory	Tallmadge	OH		
Traxler; James E.	Bay Village	OH		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Telxon Corporation	Holtsville	NY			02

APPL-NO: 08/ 921235 [\[PALM\]](#)

DATE FILED: August 29, 1997

PARENT-CASE:

CROSS REFERENCE TO RELATED APPLICATIONS This application is a continuation-in-part of copending U.S. patent application Ser. No. 08/668,343 filed Jun. 26, 1996; U.S. patent, application Ser. No. 08/744,109 filed Nov. 5, 1996; U.S. patent application Ser. No. 08/752,301 filed Nov. 19, 1996; and U.S. patent application Ser. No. 08/770,690 filed Dec. 19, 1996.

INT-CL: [07] [G60](#) [F 17/60](#)

US-CL-ISSUED: 705/14; 705/26, 705/27, 345/189

US-CL-CURRENT: [705/14](#); [705/26](#), [705/27](#)

FIELD-OF-SEARCH: 705/1, 705/14, 705/26, 235/383, 235/385, 235/375, 235/462, 340/825

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected](#)[Search ALL](#)[Clear](#)

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> 3959624	May 1976	Kaslow	
<input type="checkbox"/> 4323773	April 1982	Carpenter	

<input type="checkbox"/>				
<input type="checkbox"/>	<u>5650800</u>	July 1997	Benson	345/173
<input type="checkbox"/>	<u>5689101</u>	November 1997	Kikuchi et al.	235/383
<input type="checkbox"/>	<u>5708782</u>	January 1998	Larson et al.	395/214
<input type="checkbox"/>	<u>5789728</u>	June 1999	Barile et al.	235/462
<input type="checkbox"/>	<u>5793029</u>	August 1998	Goodwin, III	235/483
<input type="checkbox"/>	<u>5821512</u>	October 1998	O'Hagen et al.	235/383
<input type="checkbox"/>	<u>5821513</u>	October 1998	O'Hagan et al.	235/383
<input type="checkbox"/>	<u>5822436</u>	October 1998	Rhoads	380/54
<input type="checkbox"/>	<u>5841978</u>	November 1998	Rhoads	395/200.47
<input type="checkbox"/>	<u>5859414</u>	January 1999	Grimes et al.	235/383
<input type="checkbox"/>	<u>5862270</u>	January 1999	Lopresti et al.	382/306
<input type="checkbox"/>	<u>5870716</u>	February 1999	Sugiyama et al.	705/26
<input type="checkbox"/>	<u>5907830</u>	May 1999	Engel et al.	705/14
<input type="checkbox"/>	<u>5918211</u>	June 1999	Sloane	705/16
<input type="checkbox"/>	<u>6084528</u>	July 2000	Beach et al.	340/825.35

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
2286567	February 1994	GB	
0840276	February 1996	JP	
WO 91/10216	June 1991	WO	

OTHER PUBLICATIONS

SSDS INTER ACT SYSTEMS: SSDS Inc., and Inter-Act Systems implement new "clipless" coupon program in major grocery stores in the Northeast; Business Editors, Sep. 1996.

ART-UNIT: 212

PRIMARY-EXAMINER: Trammell; James P.

ASSISTANT-EXAMINER: Retta; Yehdega

ATTY-AGENT-FIRM: Amin & Turocy, LLP

ABSTRACT:

A retail customer information system which includes: at least one data processing device including a data storage adapted for selectively storing marketing data in a plurality of data fields. The customer information system also includes a portable transaction computer having a graphical user interface adapted to selectively display icon data representing data stored in the data storage. The portable transaction computer further including a random access memory; and a processor adapted to process instructions disposed in the random access memory. The retail

- customer information system further including a first data channel adapted for selectively communicating marketing data between the portable transaction computer and the data processing device.

30 Claims, 42 Drawing figures

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File: USPT

May 22, 2001

US-PAT-NO: 6236974

DOCUMENT-IDENTIFIER: US 6236974 B1

TITLE: Method and apparatus for automated selection and organization of products including menus

DATE-ISSUED: May 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kolawa; Adam K.	Bradbury	CA		
Hicken; Arthur Ray	Upland	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Parasoft Corporation	Monrovia	CA			02

APPL-NO: 09/ 131146 [PALM]

DATE FILED: August 7, 1998

PARENT-CASE:

CROSS-REFERENCE TO RELATED APPLICATIONS This application claims priority of provisional Application No. 60/055,023, filed on Aug. 8, 1997. A portion of the disclosure of this patent document contains material which is subject to copyright protection. The copyright owner has no objection to the facsimile reproduction of the patent disclosure, as it appears in the Patent and Trademark Office patent files or records, by anyone, but otherwise reserves all copyright right whatsoever.

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/7, 705/7, 706/52, 707/104

US-CL-CURRENT: ~~705/7~~, ~~706/52~~, ~~707/104.1~~

FIELD-OF-SEARCH: 705/7, 705/26, 705/10, 705/27, 283/67, 706/52, 707/100, 707/104

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

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PAT-NO

ISSUE-DATE

PATENTEE-NAME

US-CL

4807169

February 1989

Overbeck

283/715

<input type="checkbox"/>	<u>4996642</u>	February 1991	Hey	364/419
<input type="checkbox"/>	<u>5583763</u>	December 1996	Atcheson et al.	364/55101
<input type="checkbox"/>	<u>5749081</u>	May 1998	Whiteis	707/102
<input type="checkbox"/>	<u>5884282</u>	March 1999	Robinson	705/27
<input type="checkbox"/>	<u>5899502</u>	May 1999	Del Giorno	283/602
<input type="checkbox"/>	<u>5960440</u>	September 1999	Brenner et al.	707/104
<input type="checkbox"/>	<u>5963948</u>	October 1999	Shilcrat	707/100
<input type="checkbox"/>	<u>5978766</u>	November 1999	Luciw	705/1
<input type="checkbox"/>	<u>5979757</u>	November 1999	Tracy et al.	235/383
<input type="checkbox"/>	<u>5999975</u>	January 2000	Kittaka et al.	709/224
<input type="checkbox"/>	<u>6012051</u>	January 2000	Sammon et al.	706/52
<input type="checkbox"/>	<u>6018738</u>	January 2000	Bresse et al.	707/100
<input type="checkbox"/>	<u>6020883</u>	February 2000	Herz et al.	345/327

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
08063455	March 1996	JP	15/20

OTHER PUBLICATIONS

Meals For You; The Best Recipe Site on the Web; <http://www.mymenu.com/>, 1996.*
An automated system for planning menus for the elderly in title VII nutrition programs, Unklesbay, N.; Unklesbay, K., Food Technology , 32 (8) 80-83, 1978.

ART-UNIT: 274

PRIMARY-EXAMINER: Trammell; James P.

ASSISTANT-EXAMINER: Retta; Yehdega

ATTY-AGENT-FIRM: Christie, Parker & Hale, LLP

ABSTRACT:

An automatic maid performs all of the selection and organization tasks involved with family meal planning. The automatic maid keeps track of the needs and preferences of all users. User needs and preferences are constantly refined through questions about foods both eaten and rejected. The automatic maid keeps track of household inventory and can order additional supplies. The automatic maid uses the preferences of the users and its knowledge of the household inventory to select the most compatible meals. It gives instruction on food preparation, can activate appliances, and can order food. The automatic maid can be accessed from a remote location and can update its recipes over a network or the Internet.

20 Claims, 9 Drawing figures

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L2: Entry 1 of 3

File: USPT

Feb 24, 2004

US-PAT-NO: 6697103

DOCUMENT-IDENTIFIER: US 6697103 B1

**** See image for Certificate of Correction ****

TITLE: Integrated network for monitoring remote objects

DATE-ISSUED: February 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fernandez; Dennis Sunga	Woodside	CA	94062	
Fernandez; Irene Hu	Woodside	CA	94062	

APPL-NO: 09/ 045412 [\[PALM\]](#)

DATE FILED: March 19, 1998

INT-CL: [07] [H04](#) [N](#) [7/18](#)

US-CL-ISSUED: 348/143; 148/152, 148/169

US-CL-CURRENT: [348/143](#); [348/148](#), [348/152](#), [348/169](#)

FIELD-OF-SEARCH: 348/142-169, 701/209, 701/16, 701/23, 701/24, 705/417, 382/104, 455/432, 340/905, 340/995, 340/539, 441/36, 342/41, 342/357

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	4511886	April 1985	Rodriguez	
<input type="checkbox"/>	4524384	June 1985	Lefkowitz et al.	
<input type="checkbox"/>	4591823	May 1986	Horvat	340/53
<input type="checkbox"/>	4965574	October 1990	Fukushinma et al.	340/995
<input type="checkbox"/>	4994971	February 1991	Poelstra	364/424.04
<input type="checkbox"/>	5223844	June 1993	Mansell et al.	
<input type="checkbox"/>	5515285	May 1996	Garrett, Sr. et al.	364/460
<input type="checkbox"/>	5539429	July 1996	Yano et al.	345/173
<input type="checkbox"/>	5633946	May 1997	Lachinski et al.	
<input type="checkbox"/>	5673305	September 1997	Ross	

<input type="checkbox"/>	<u>5694322</u>	December 1997	Westerlage et al.	364/464.27
<input type="checkbox"/>	<u>5712899</u>	January 1998	Pace, II	379/58
<input type="checkbox"/>	<u>5726660</u>	March 1998	Purdy et al.	
<input type="checkbox"/>	<u>5774070</u>	June 1998	Rendon	340/905
<input type="checkbox"/>	<u>5809161</u>	September 1998	Auty et al.	382/104
<input type="checkbox"/>	<u>5970481</u>	October 1999	Westerlage et al.	705/417
<input type="checkbox"/>	<u>6018697</u>	January 2000	Morimoto et al.	701/209
<input type="checkbox"/>	<u>6055426</u>	April 2000	Beasley	455/432
<input type="checkbox"/>	<u>6122573</u>	September 2000	Higashi et al.	701/23
<input type="checkbox"/>	<u>6128571</u>	October 2000	Ito et al.	701/201
<input type="checkbox"/>	<u>6154693</u>	November 2000	Aberschitz et al.	701/16

OTHER PUBLICATIONS

"Intrinsyc Announces Server for Embedded Computer Applications", Internet Computing, Jun. 5, 1997 (<http://www.zdnet.com/icom/news/199706/03/news3.html>).

ART-UNIT: 2613

PRIMARY-EXAMINER: Kelley; Chris

ASSISTANT-EXAMINER: Vo; Tung

ATTY-AGENT-FIRM: Fernandez & Associates, LLP

ABSTRACT:

Integrated imaging and GPS network monitors remote object movement. Browser interface displays objects and detectors. Database stores object position movement. Cameras detect objects and generate image signal. Internet provides selectable connection between system controller and various cameras according to object positions.

20 Claims, 4 Drawing figures

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